

Elliott Bay Seawall Project

*Public Scoping Meeting
June 16, 2010*

Project Area



Need for Action: Problems and Opportunities

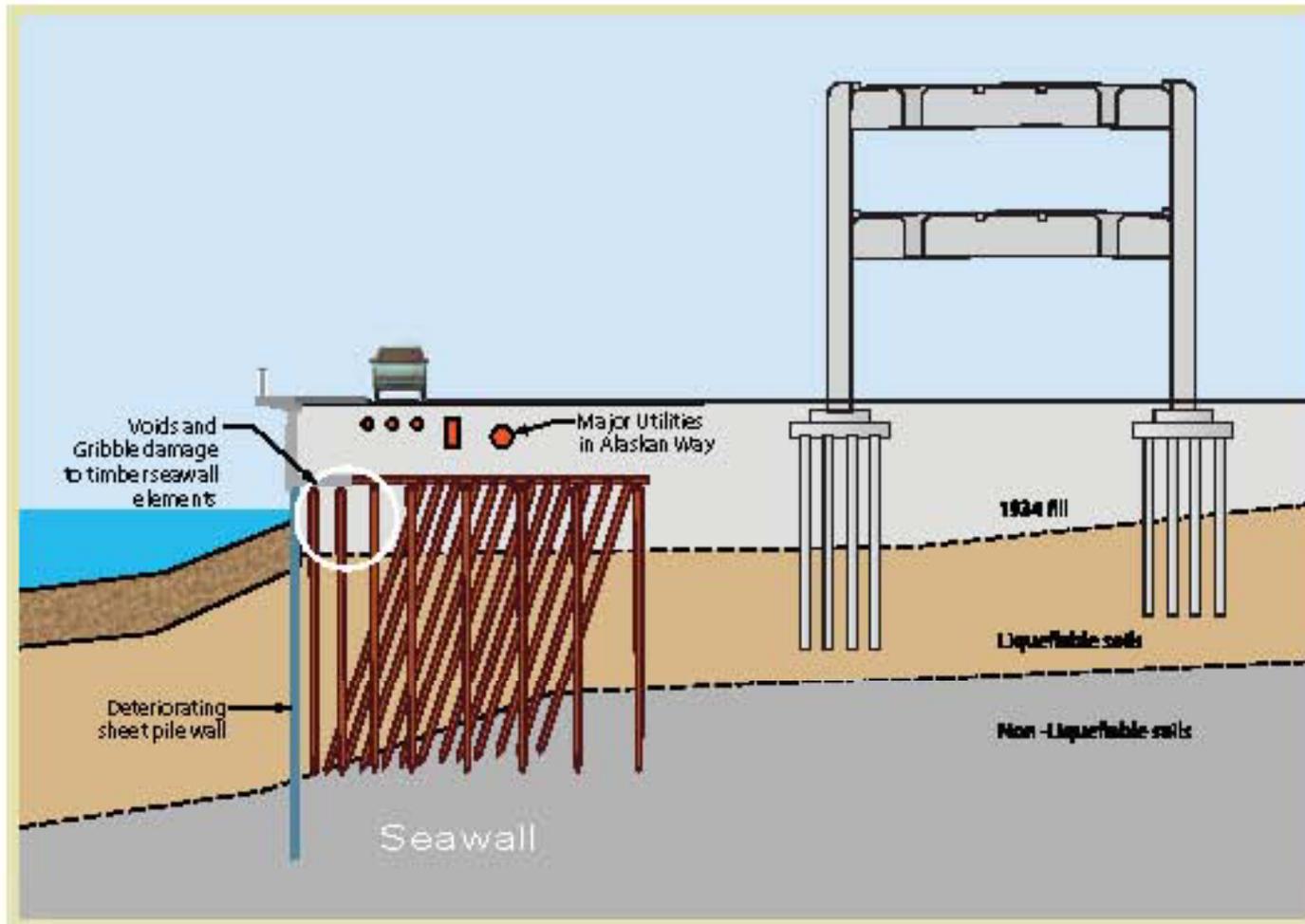
The seawall:

- Protects public safety as well as critical transportation and utility corridors
- Supports residential and commercial activities
- Acts as Seattle's front porch

The project will:

- Protect waterfront from wind-driven storm waves and erosive tidal forces
- Address seismic risk and deteriorating structure
- Evaluate City of Seattle opportunities to improve waterfront habitat and recreation

Current Structure of Seawall

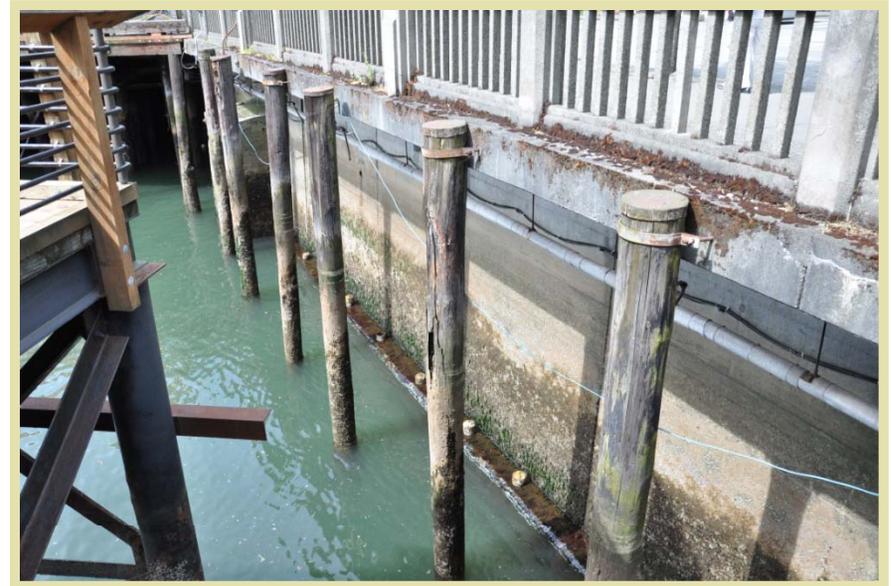


Work to Date – Feasibility Study Milestones

- 2004:** Feasibility Cost Sharing Agreement signed between City of Seattle and U.S. Army Corps of Engineers; Initiated Feasibility studies
- 2006:** Initial Public Scoping meeting/comment period
- 2007:** Phase I Environmental Site Assessment
- 2008:** Existing Conditions Report
- 2008-2010:** Identified potential solutions
**Leading candidate is a structural wall solution, using shoreline stabilization*
- 2009:** Draft Economics Evaluation
- June/July 2010:** “New” Public Scoping meeting/comment period

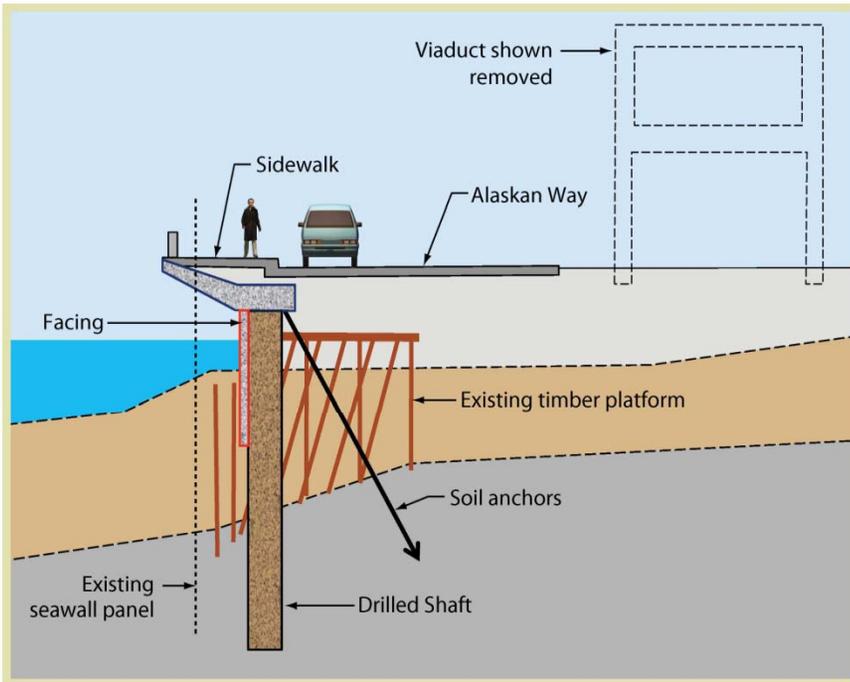
Determining Shoreline Stabilization

- Corps and SDOT have considered both structural and nonstructural techniques
- Solution selected will determine construction methods used, sequencing, and duration
- One or more methods may be used along seawall alignment
- Two general stabilization methods shown to help spur public comment during the scoping period

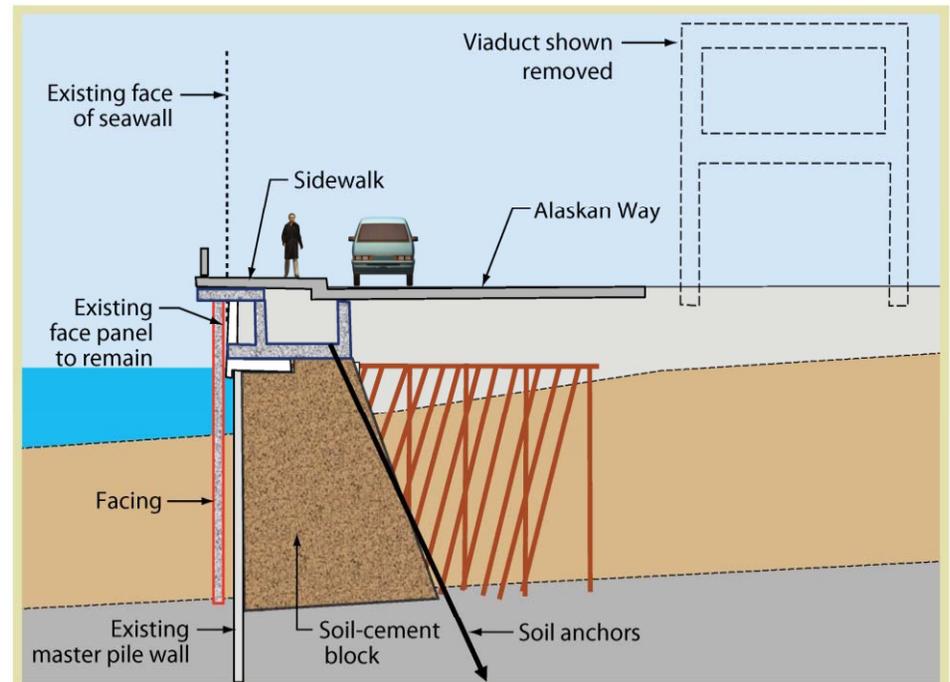


Shoreline Stabilization Examples

Drilled Shaft Example



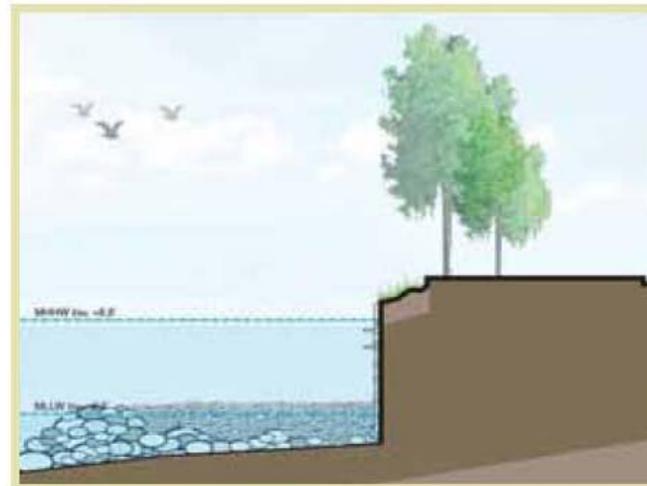
Ground Improvement Example



Additional Opportunities: Habitat and Recreation



*Locations of habitat opportunities, previously identified
(Central Waterfront Concept Plan, 2006)*



Wall habitat and intertidal bench



Beach habitat (Olympic Sculpture Park)

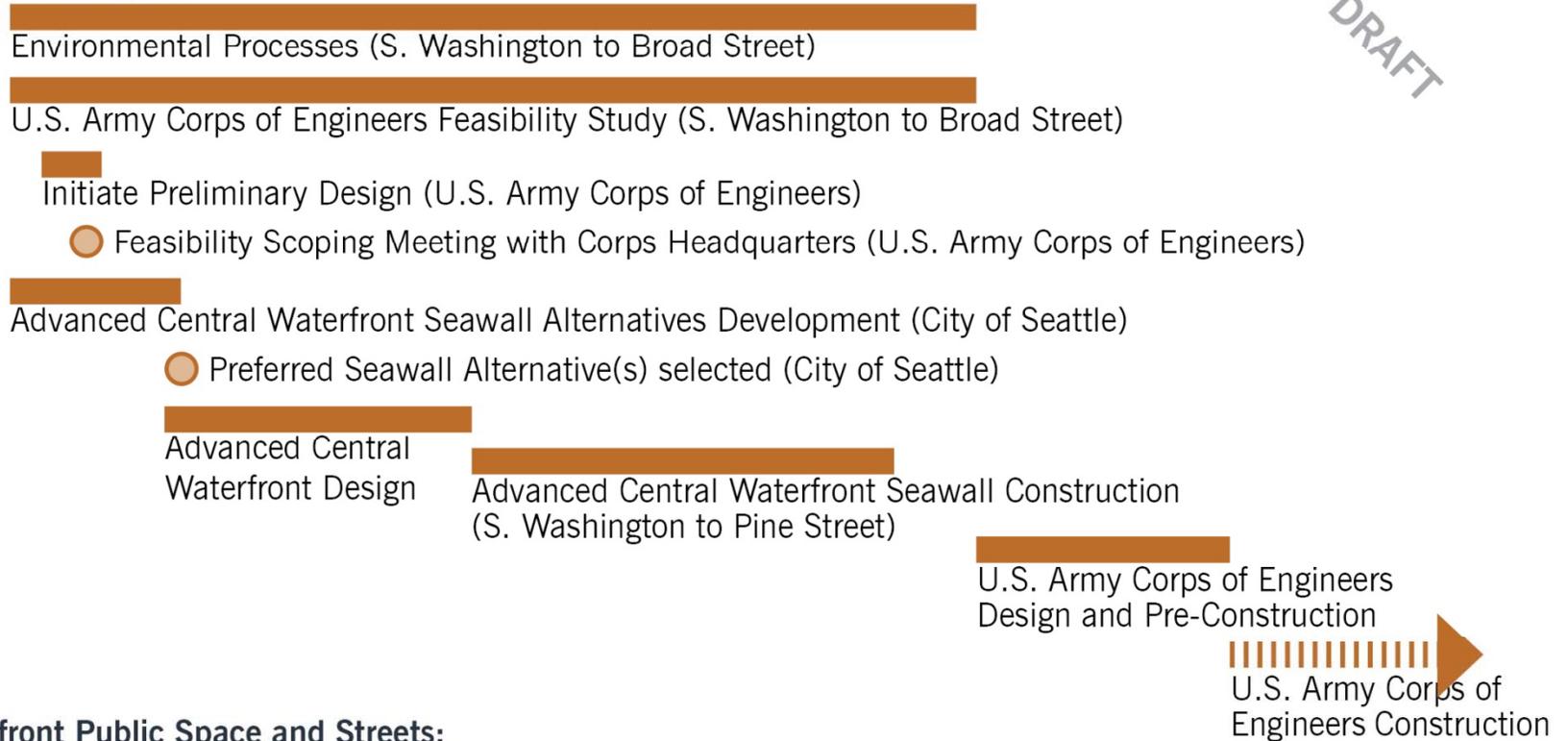
Environmental Issues to be Addressed

- Air quality
- Construction
- Cultural, historic, and archeological resources
- Cumulative impacts
- Energy/climate change
- Geology/soils
- Habitat and wildlife, including fish and threatened/endangered species
- Hazardous materials
- Land use
- Noise and vibration
- Project alternatives, design and no-action
- Project purpose and need
- Public safety
- Public services and utilities
- Secondary/indirect impacts
- Socioeconomics
- Transportation
- Water quality

Preliminary Project Schedule



Elliott Bay Seawall Project:



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Central Waterfront Public Space and Streets:



Proposed Bored Tunnel:



Scoping Comments

All comments are requested by July 19, 2010. You can provide comments by:

- **Court reporter/public hearing** (tonight)
- **Comment form** (tonight or mail back)
- **Web comment form** (tonight or following meeting):
<http://www.seattle.gov/transportation/seawall.htm>
- **Email:** seawall@seattle.gov
- **Mail:**
Elliott Bay Seawall Scoping Comments
c/o Tetra Tech, Inc.
1420 Fifth Ave, Suite 550
Seattle, WA 98101
- **Phone:** Stephanie Brown, SDOT: 206-386-4635
Pat Cagney, Corps: 206-764-3654

Public Hearing

Federal Authority for Study

- Section 209 (Puget Sound and Adjacent Waters) of the Flood Control Act of 1962 (Public Law 87-874)
- U.S. House Resolution 2704 (2002) authorized study of storm damage prevention and shoreline protection problems and opportunities in study area
- Study authority was subsequently modified in Section 4096 of the Water Resources Development Act of 2007 to incorporate consideration of seismic damage to seawall